

### Remarks

Claims 1-11 are pending. By this Amendment, claims 1-8 have been amended and claims 9-11 have been added. No new matter is believed added. Reconsideration and allowance are requested in view of the above amendments and the following remarks.

Claims 1-8 are rejected under 35 U.S.C. §102(e) over Bhandari (US 6,400,217 B1). This rejection is defective because Bhandari fails to teach or suggest each and every feature of the present invention as required by 35 U.S.C. §102(e).

Claim 1 recites:

“A filter provided with field effect (FET) capacitors arranged for controlling their respective capacity values, each such FET capacitor having a source (S) and a drain (D), characterised in that the source (S) and the drain (D) of each FET capacitor are coupled to one another, the filter including an arrangement for tuning the filter by selectively controlling the voltage dependent capacitor values of the FET capacitors.”

Bhandari fails to disclose, *inter alia*, “the filter including an arrangement for tuning the filter by selectively controlling the voltage dependent capacitor values of the FET capacitors.” On the contrary, Bhandari discloses FET compensation capacitors (M2An-MnAn; M1Cn-MnCn; M2Bn-MnBn; and M1Dn-MnDn for providing a compensation gate capacitance equal in magnitude to the gate capacitance of their respective PMOS capacitor switching or equalization switches (see, e.g., col. 7, lines 15-51, col. 2, line 60 – col. 3, line 3). In Bhandari, the FET compensation capacitors are not used to tune the LPF 135 as claimed in the present patent application. Instead, the LPF 135 is tuned by selectively coupling capacitors C1-Cn between

lines L1 and L2 (see, e.g., FIG. 4, col. 4, line 47 – col. 5, line 13).

Accordingly, because Bhandari fails to teach each and every feature of claim 1, Applicant respectfully submits that claim 1 is allowable.

Claims 2-11 depend from independent claim 1, and are, therefore, patentable for at least the reasons set forth above.

Accordingly, Applicant respectfully submits that claims 1-11 are in condition for allowance.

If the Examiner believes that anything further is necessary to place the application in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,

Dated:

6/5/03



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